Section I (Amendments to the Specification)

At page 2, please replace the second paragraph (beginning "The present invention is based on Applicant's insights ..") with the following new replacement paragraph:

The present invention is based on Applicant's insights that an F_v antibody construct comprising binding sites for a CD16 receptor and a CD30 surface protein can induce a regression of Hodgkin's disease, the lysis of the tumor cells being more intense than when bimAbHRS-3/A9 (DSM deposit number ACC 2142; described in U.S. Patent 5,643,759 issued July 1, 1997 to Michael Pfreundschuh) is used. He also found out that such an F_v antibody construct can be produced in large amounts and with high purity. Furthermore, the F_v antibody construct distinguishes itself in that it contains no portions which can result in undesired immune responses in patients.

At page 9, please replace the paragraph immediately following the heading "(A) Flow cytometry" with the following new replacement paragraph:

In order to detect the binding of an F_v antibody construct according to the invention to $CD16^+$ granulocytes and $CD30^-$ L540CY Hodgkin's disease cells, ~~FACScan (Beckton-Dickinson)~~ analysis was carried out using a FACSCAN flow cytometer, commercially available from Beckton Dickinson. For this purpose, 1 x 10^6 cells were washed twice in icecold PBS-N (PBS, 0.05% NaN_3) and incubated on ice with 100 µl of the F_v antibody construct of Example 2 for 45 min. The cells were pelleted at 1200 rpm at 4°C for 5 min. and washed with 2 ml PBS-N. The cells were resuspended in 100 µl PBS-N containing 10 µg/ml of the 9E10 antibody binding to c-myc (ICI Chemikalen), and incubated on ice for 30 min. The cells were pelleted and washed as described above. Thereafter, the cells were resuspended with fluoroscein-labeled goat anti-mouse IgG (Gibco BRL; diluted 1:100 in PBS-N), and incubated on ice for 30 min. After another wash step using PBS-N, the cells were ready for analysis with PBS-N containing 1 µg/ml propidium iodide (Sigma). Background fluorescence was determined by incubating the cells with 9E10 antibody and fluorescein-labled goat anti-mouse IgG under equal conditions.